



COMMONWEALTH of VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CENTRAL LABORATORY
A Nationally Accredited Laboratory

700 NORTH 5TH STREET
RICHMOND, VIRGINIA 23219
(804) 786-6971

CERTIFICATE OF INSTRUMENT ACCURACY

INSTRUMENT: Intox EC/IR II
SERIAL NUMBER: 010628
CERTIFICATION DATE: December 3, 2013
DATE RECERTIFICATION DUE: June 1, 2014

The above listed instrument was found to meet all requirements for accuracy and performance established by the Department of Forensic Science. This certification is valid from the above listed certification date until the above listed date for recertification.

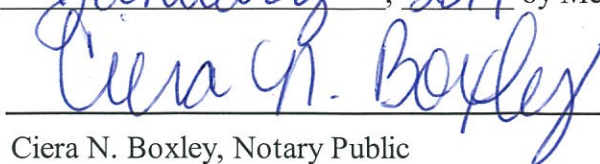


Melissa Kennedy

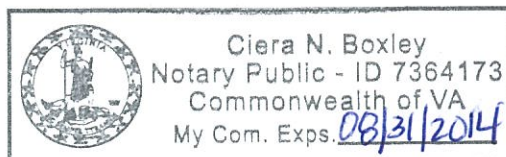
Program Manager, Calibration & Training

CITY OF RICHMOND
COMMONWEALTH OF VIRGINIA

The foregoing was acknowledged before me this 2nd day of January, 2014 by Melissa Kennedy


Ciera N. Boxley, Notary Public

My commission expires: August 31, 2014



TLN
Noble

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 12/4/2013**

Instrument Serial Number: 010628

As of 04-Dec-13

Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
03-Dec-13	03-Dec-13	TLN (25387)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
18-Jun-13	18-Jun-13	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
23-Jan-13	08-Jan-13	TLN (25387)	REPLACED UPS BACK-UP BATTERY.
08-Jan-13	08-Jan-13	TLN (25387)	CERTIFIED.
18-Jul-12	18-Jul-12	DBH (21250)	CERTIFIED
01-Feb-12	01-Feb-12	DBH (21250)	CERTIFIED. REPLACED DRY GAS STANDARD.
17-Aug-11	17-Aug-11	DBH (21250)	REPLACED DRY GAS STANDARD, CERTIFIED
02-Jun-11	09-Mar-11	RJP (22428)	REPLACED PRINTER.
09-Mar-11	09-Mar-11	DBH (21250)	CERTIFIED
21-Sep-10	21-Sep-10	DBH (21250)	CERTIFIED
14-Jul-10	07-Apr-10	DBH (21250)	REPLACED DRY GAS STANDARD
07-Apr-10	07-Apr-10	DBH (21250)	CERTIFIED
21-Oct-09	21-Oct-09	DBH (21250)	CERTIFIED.
14-May-09	14-May-09	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
13-Jan-09	13-Jan-09	DBH (21250)	CERTIFIED.
27-Nov-08	27-Nov-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

TLN
NSM

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010628 Worksheet Start Date 12/3/2013
Location Gloucester Co Jail
Address 7502 Justice Drive, Gloucester VA, 23061
DFS Technician Timmy Neece, Jr License No. 25387
☐ Laboratory ☒ On-Site

Site Specifications

	Yes	No
1 Secured Environment: Location must not be accessible to the general public.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2 Environment free from contaminants	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Dedicated telephone line: The phone line should be used solely by the instrument.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 Adequate Ventilation: Enough space must be provided for the instrument and the printer to allow for adequate ventilation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 Stable temperature controls: The instrument should not be exposed to direct sources of temperature variation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6 115VAC power source: Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7 Room Condition: The site should be free of excessive moisture, heat and dust.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

E-Seek	Old serial no.	New serial no.	Supplies	
Keyboard			Mouthpieces	75
Printer			Certificates of Analysis	100
UPS			Operator Worksheet	
			Other:	

Maintenance (if any)

Firmware/Software Upgrade.

Comments (if any)

Instrument Serial Number 010628

Certification Date 12/3/2013

Instrument Barometer (mm HG) 755

Reference Barometer (mm HG) 759

Reference Barometer(RB)Serial # 009109

RB Calibration Due 8/1/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.246
0.250	0.248	0.240	0.255	Sample 2	0.245
Precision		sample min	sample max	Sample 3	0.245
0.001		0.245	0.246		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.148
0.150	0.149	0.144	0.153	Sample 2	0.148
Precision		sample min	sample max	Sample 3	0.148
<u>0</u>		0.148	0.148		0.147 TLN
0.001		0.147			12-11-13
TLN		TLN			
12-26-13		12-26-13			

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.079
0.080	0.079	0.076	0.082	Sample 2	0.079
Precision		sample min	sample max	Sample 3	0.079
0		0.079	0.079		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.019
0.020	0.020	0.017	0.023	Sample 2	0.019
Precision		sample min	sample max	Sample 3	0.019
0		0.019	0.019		

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☒ Calibrated☒ Certified☐ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG230501-42

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.099
0.100	0.099	0.096	0.102	Sample 2	0.099
Precision		sample min	sample max	Sample 3	0.099
0		0.099	0.099		

DFS Technician

Date

12/11/13 TLN

12/7/13

Issuing Analyst

Date

12/20/13

Intox EC/IR II QA Worksheet
 Issued by Calibration and Training Program Manager
 Issue Date: 4-March-2013

DFS Document 250-F113
 Revision 6
 Page 2 of 2



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

Reprinted because paper
got snagged.

TLN 12-3-13

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

WML

NAME OF ACCUSED	NAME OF COURT
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY		AGENCY
DFS LICENSE NUMBER	LICENSE EXPIRES	DATE TEST CONDUCTED
TEST EQUIPMENT NUMBER		

RESULTS: TIME SAMPLE TAKEN _____

SAMPLE'S ALCOHOL CONTENT _____ GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY NEECE, JR., TIMMY, L		AGENCY DFS Central Lab
DFS LICENSE NUMBER 25387	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/03/2013
TEST EQUIPMENT NUMBER 010628		

RESULTS: TIME SAMPLE TAKEN **13:34 EST**
SAMPLE'S ALCOHOL CONTENT **0.00** GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 11 Dec 2013 at 15:19

TLN
12-11-13

WDL

Test Results

Instrument Serial Number 010628

Test # 000754 Subject Test

Test Location 1 Department of
Test Date 03 Dec 2013

Test Location 2 Forensic Science
Test Time 13:27
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name NEECE, JR.
Agency DFS Central Lab

Operator's First Name TIMMY

Operator's Middle Initial L

Card Serial Number 125387

License Number 25387

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 03 Dec 2013 End Time 13:35

Result Time 13:34

Result Date 03 Dec 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:27

Data Type BLK

Sample Value 0.000

Sample Time 13:28

Data Type CHK

Sample Value 0.099

Sample Time 13:29

Data Type BLK

Sample Value 0.000

Sample Time 13:30

Data Type SUBJ

Sample Value 0.000

Sample Time 13:31

Data Type BLK

Sample Value 0.000

Sample Time 13:32

Data Type SUBJ

Sample Value 0.000

Sample Time 13:34

Data Type BLK

Sample Value 0.000

Sample Time 13:34

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG230501-42

Standard Expiration Date 10/31/2014

Tank Pressure 723

Barometric Pressure 755 mmHg

Blow Sample Number 1 Blow Duration 2.69 sec

Blow Volume 1898 cc End-of-Blow Time 13:31

Blow Sample Number 2 Blow Duration 2.96 sec

Blow Volume 1862 cc End-of-Blow Time 13:34

Tamper Evident Stamp 1cc5e861

Test Status Code 0

Test Status Success

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Reprinted because paper was unevenly loaded. TLN 12/3/13

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010628 Test Number: 755

Test Date: 12/03/2013 Test Time: 13:38 EST

Dry Gas Target: 0.099

Lot Number: AG230501-42 Exp Date: 10/31/2014

Tank Pressure: 718 psi Barometric Pressure: 755 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	13:38
CHK	0.099	13:39
BLK	0.000	13:41
CHK	0.099	13:41
BLK	0.000	13:43
CHK	0.099	13:43

Test Status: *Success*

Calibration CRC: 52933382

TLN

nsk

TLN

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010628 Test Number: 756

Test Date: 12/03/2013 Test Time: 13:48 EST

Dry Gas Target: 0.298

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 424 psi Barometric Pressure: 755 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	13:49
CHK	0.295	13:50
BLK	0.000	13:51
CHK	0.295	13:52
BLK	0.000	13:54
CHK	0.294	13:54

Test Status: Success

Calibration CRC: 52933382

MSL

Intox EC/IR-II: Software Version

Department of Forensic Science

Serial Number: 010628

System Date: 12/03/2013

System Time: 14:26 EST

Software Version: VS00333-K

Software CRC: 56745BCA

Firmware Version: VS00171-CL

Firmware CRC: 7107756B

TLN

MSL

Intox EC/IR-II: Calibration

Department of Forensic Science

Serial Number: 010628 Test Number: 757

Test Date: 12/03/2013 Test Time: 14:28 EST

Dry Gas Target: 0.099

Lot Number: 0651210013-05 Exp Date: 04/01/2014

Tank Pressure: 350 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	14:29
CAL	0.099	14:30

Test Status: Success

Calibration CRC: 31EE2EE3

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010628 Test Number: 758

Test Date: 12/03/2013 Test Time: 14:33 EST

Technician Initials: TLN

Dry Gas Target: 0.248

Lot Number: 2961225012-10 Exp Date: 11/01/2014

Tank Pressure: 80 psi Barometric Pressure: 753 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:34
BLK	0.000	14:35
CHK	0.246	14:35
BLK	0.000	14:37
CHK	0.245	14:38
BLK	0.000	14:39
CHK	0.245	14:40
BLK	0.000	14:42

Success

Standard Value (at sea level): 0.250 g/210L

Certification Status: Continued

TLN

WJH

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010628 Test Number: 759
Test Date: 12/03/2013 Test Time: 14:44 EST

Technician Initials: TLN

Dry Gas Target: 0.149

Lot Number: 2951215012-03 Exp Date: 11/01/2014
Tank Pressure: 482 psi Barometric Pressure: 754 mmHg
System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:45
BLK	0.000	14:45
CHK	0.148	14:46
BLK	0.000	14:48
CHK	0.148	14:49
BLK	0.000	14:50
CHK	0.147	14:51
BLK	0.000	14:52

Success

Standard Value (at sea level): 0.150 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010628 Test Number: 760
Test Date: 12/03/2013 Test Time: 14:55 EST

Technician Initials: TLN

Dry Gas Target: 0.079

Lot Number: 0771308012-01 Exp Date: 05/01/2015

Tank Pressure: 1046 psi Barometric Pressure: 754 mmHg
System Check: Passed

Test	g/210L	Time
DIAG	Pass	14:56
BLK	0.000	14:57
CHK	0.079	14:57
BLK	0.000	14:59
CHK	0.079	14:59
BLK	0.000	15:01
CHK	0.079	15:01
BLK	0.000	15:03

Success

Standard Value (at sea level): 0.080 g/210L

Certification Status: Continued

Intox EC/IR-II: Certification

Department of Forensic Science

Serial Number: 010628 Test Number: 761
Test Date: 12/03/2013 Test Time: 15:05 EST

Technician Initials: TLN

Dry Gas Target: 0.020

Lot Number: 0771302011-02 Exp Date: 05/01/2015

Tank Pressure: 860 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
DIAG	Pass	15:06
BLK	0.000	15:06
CHK	0.019	15:07
BLK	0.000	15:09
CHK	0.019	15:09
BLK	0.000	15:11
CHK	0.019	15:11
BLK	0.000	15:13

Success

Standard Value (at sea level): 0.020 g/210L

Certification Status: Success

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010628 Test Number: 762

Test Date: 12/03/2013 Test Time: 15:15 EST

Dry Gas Target: 0.298

Lot Number: AG322702-07 Exp Date: 08/15/2015

Tank Pressure: 414 psi Barometric Pressure: 754 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	15:16
CHK	0.299	15:17
BLK	0.000	15:19
CHK	0.298	15:20
BLK	0.000	15:21
CHK	0.298	15:22

Test Status: Success

Calibration CRC: 31EE2EE3

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010628 Test Number: 763

Test Date: 12/03/2013 Test Time: 15:26 EST

Dry Gas Target: 0.099

Lot Number: AG230501-42 Exp Date: 10/31/2014

Tank Pressure: 698 psi Barometric Pressure: 754 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	15:27
CHK	0.099	15:28
BLK	0.000	15:29
CHK	0.099	15:30
BLK	0.000	15:31
CHK	0.099	15:32

Test Status: *Success*

Calibration CRC: 31EE2EE3




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

TLN
WHL

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY NEECE, JR., TIMMY, L		AGENCY DFS Central Lab
DFS LICENSE NUMBER 25387	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 12/03/2013
TEST EQUIPMENT NUMBER 010628		

RESULTS: TIME SAMPLE TAKEN **15:42 EST**
SAMPLE'S ALCOHOL CONTENT **0.00** GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 04 Dec 2013 at 08:26

TLN
MSE

Test Results

Instrument Serial Number 010628

Test # 000764 Subject Test

Test Location 1 Department of

Test Date 03 Dec 2013

Test Location 2 Forensic Science

Test Time 15:35

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name NEECE, JR.

Agency DFS Central Lab

Card Serial Number 125387

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

Operator's First Name TIMMY

License Number 25387

Effective Date 10/01/2012

Operator's Middle Initial L

Expiration Date 10/01/2014

Subject's First Name TEST

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Expiration 00/00/0000

Court Name DFS

End Date 03 Dec 2013 End Time 15:43

Result Time 15:42

Result Date 03 Dec 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 15:36

Data Type BLK

Sample Value 0.000

Sample Time 15:36

Data Type CHK

Sample Value 0.099

Sample Time 15:37

Data Type BLK

Sample Value 0.000

Sample Time 15:39

Data Type SUBJ

Sample Value 0.000

Sample Time 15:39

Data Type BLK

Sample Value 0.000

Sample Time 15:40

Data Type SUBJ

Sample Value 0.000

Sample Time 15:42

Data Type BLK

Sample Value 0.000

Sample Time 15:43

Standard Type Dry Gas Std

Standard Value 0.099

Standard Lot Number AG230501-42

Standard Expiration Date 10/31/2014

Tank Pressure 688

Barometric Pressure 754 mmHg

Blow Sample Number 1 Blow Duration 3.57 sec

Blow Volume 1846 cc End-of-Blow Time 15:39

Blow Sample Number 2 Blow Duration 3.32 sec

Blow Volume 1783 cc End-of-Blow Time 15:42

Tamper Evident Stamp ff332cc8

Test Status Code 0

Test Status Success